



Application  
Number

SEARCH

IDS Flag Clearance for Application 10665306

**IDS  
Information**

| Content | Mailroom Date | Entry<br>Number | IDS<br>Review                       | Reviewer                   |
|---------|---------------|-----------------|-------------------------------------|----------------------------|
| M844    | 06-22-2005    | 23              | <input checked="" type="checkbox"/> | 02-21-2006 13:56:14 CTran3 |

UPDATE

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 5    | antenna with radio with control\$3 with (support\$3 near3 arm)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/21 12:52 |
| L2    | 42   | antenna with control\$3 with (support\$3 near3 arm)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/21 13:16 |
| L3    | 2    | (antenna same radio same control\$3 same lift\$3 same (support\$3 near5 arm)).ab. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/21 13:13 |
| L4    | 6    | (antenna same control\$3 same lift\$3 same (support\$3 near5 arm)).ab.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/21 13:14 |
| L5    | 6    | (antenna same control\$3 same (lift\$3 crane) same (support\$3 near5 arm)).ab.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/21 13:15 |
| L6    | 8    | (antenna same (lift\$3 crane) same (support\$3 near5 arm)).ab.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/21 13:15 |
| L7    | 4    | antenna same (radio with control\$3) same (support\$3 near3 arm) same lift\$3     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/21 13:18 |
| L8    | 10   | antenna with (lift\$3 near5 machin\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/21 13:28 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| L9  | 15  | antenna same (lift\$3 near5 machin\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 13:31 |
| L10 | 86  | antenna and (lift\$3 near5 machin\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 13:43 |
| L11 | 22  | 10 & crane   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 13:31 |
| L12 | 348 | antenna and (lift\$3 with crane)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 13:44 |
| L13 | 32  | 12 and (radio with control\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 13:47 |
| L14 | 5   | (lift\$3 with machin\$3) and (arm\$3 near12 control\$3) and (radio with antenna) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 13:52 |
| L15 | 9   | (lift\$3 with machin\$3) and (arm\$3 near12 control\$3) and (radio and antenna)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 14:05 |
| L16 | 2   | (lift\$3 with machin\$3) and (arm\$3 near12 control\$3) and (radio with antenna) | US-PGPUB  | OR | ON | 2006/02/21 13:52 |
| L17 | 4   | (lift\$3 with machin\$3) and (arm\$3 near12 control\$3) and (radio and antenna)  | US-PGPUB  | OR | ON | 2006/02/21 13:54 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| L18 | 4      | ((lift\$3 with machin\$3) and (arm\$3 near12 control\$3) and (radio and antenna))"claim." | US-PGPUB  | OR | ON | 2006/02/21 13:58 |
| L19 | 12     | (crane and (arm\$3 near12 control\$3) and (radio and antenna))"claim."                    | US-PGPUB  | OR | ON | 2006/02/21 14:04 |
| L20 | 0      | "6276488"   | US-PGPUB  | OR | ON | 2006/02/21 14:04 |
| L21 | 3      | "6276488"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 14:41 |
| L22 | 367316 | antenna   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 14:41 |
| L23 | 48     | 22 and crane and (arm near3 control\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 14:50 |
| L24 | 642    | 22 and crane and (radio with antenna)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 14:51 |
| L25 | 7      | 24 & (antenna with (support\$3 near5 arm\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 15:07 |
| L26 | 205    | 24 and (crane with lift\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 14:54 |
| L27 | 43     | 22 and (arm\$3 with lift\$3) and crane  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/21 15:08 |

L5: (6) (antenna same control33 same (lift53 crane) same  
 L6: (8) (antenna same (lift53 crane) same (support53 ne  
 L7: (4) antenna same (radio with control53) same (suppo  
 L8: (10) antenna with (lift53 near5 machin53)  
 L9: (15) antenna same (lift53 near5 machin53)  
 L10: (86) antenna and (lift53 near5 machin53)  
 L11: (22) 18 & crane  
 L12: (348) antenna and (lift53 with crane)  
 L13: (32) 12 and (radio with control53)  
 L14: (5) (lift53 with machin53) and (arm53 near12 contr  
 L15: (9) (lift53 with machin53) and (arm53 near12 contr  
 L16: (2) (lift53 with machin53) and (arm53 near12 contr  
 L17: (4) (lift53 with machin53) and (arm53 near12 contr  
 L18: (4) ((lift53 with machin53) and (arm53 near12 contr  
 L19: (12) (crane and (arm53 near12 control53) and (radi

   
 
 
 

## Interference Search History

|    | U                        | D                        | Document ID       | Issue Date | Pages | Title   | Current   | Current    | Inventor                  | S                        | C                        | P                        |                          |
|----|--------------------------|--------------------------|-------------------|------------|-------|---|-----------|------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1  | <input type="checkbox"/> | <input type="checkbox"/> | US 20050242602/A1 | 20051103   | 16    | Crane hook with remotely operated safety latch          | 294/52.21 |            | Protesto, Edward A.       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2  | <input type="checkbox"/> | <input type="checkbox"/> | US 20050680520/A1 | 20050414   | 106   | Waste recovery and material handling process to replace | 701/1     |            | Kline, Robert et al.      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3  | <input type="checkbox"/> | <input type="checkbox"/> | US 20050617129/A1 | 20050127   | 34    | Launch and recovery system for unmanned aerial vehicles | 244/110.6 |            | McDonnell, William R.     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4  | <input type="checkbox"/> | <input type="checkbox"/> | US 20040237878/A1 | 20041202   | 16    | Autonomous swimming cargo containers                    | 114/259   |            | Clarke, Robert A. et al.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5  | <input type="checkbox"/> | <input type="checkbox"/> | US 20040106376/A1 | 20040603   | 15    | Rechargeable interrogation reader device and method     | 455/41.2  | 348/505    | Forster, Ian J.           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6  | <input type="checkbox"/> | <input type="checkbox"/> | US 20040095285/A1 | 20040523   | 10    | Radio-control antenna support arm for lifting           | 348/713   |            | Aquino, Francois          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7  | <input type="checkbox"/> | <input type="checkbox"/> | US 20030214415/A1 | 20031120   | 27    | Crane safety devices and methods                        | 340/685   | 340/573.1  | Shaw, Jack E.             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8  | <input type="checkbox"/> | <input type="checkbox"/> | US 20030187318/A1 | 20031002   | 29    | Transportable, self-controlled plasma                   | 588/303   | 422/186.29 | Remy, Roger               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9  | <input type="checkbox"/> | <input type="checkbox"/> | US 20030184756/A1 | 20030605   | 19    | Remote-controlled, work-capable miniature               | 446/154   |            | Gordon, Andrew W.         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 | <input type="checkbox"/> | <input type="checkbox"/> | US 20030612400/A1 | 20030123   | 97    | Method and apparatus for cresting time-optimal          | 700/29    |            | Tuttle, Timothy D. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |